

MOTOR DATA SHEET

Motor type: **3SIE500H6C**

Series: **IE3**



21-11-2025

ELECTRICAL PARAMETERS																	
U	CONN.	f	ŀ	•	Duty	1	n	Т	TL/T	TB/T	IL/I	Effici	ency at loa	d [%]	Power	r factor at l	oad [-]
V	-	Hz	kW	HP	-	Α	rpm	Nm	-	-	-	2/4	3/4	4/4	2/4	3/4	4/4
690	Δ or Y	50	1000	1350	S1	1009	995	9598	1.0	2.5	6.4	95.7	96.3	96.4	0.74	0.83	0.86

GENERAL DATA						
Efficiency class	IE3	Sound pressure level [dB]	80			
Frame size	500	Sound power level [dB]	-			
Number of poles	6	Terminal box position	top/ * side			
Starting method	direct or VSD	Possibility of terminal box rotation	yes			
Insulation class	F	Bearing on D-side	NU226 +6226 C3/* 6326 C3			
Frequency converter supply	yes	Bearing on ND-side	NU226 /* 7326 BTVP or QJ326N2MPA			
Mounting arrangement	IMB3/B35/V1*	Bearings regreasing	yes			
Cooling method	IC411	Housing - material	cast iron			
Weight (IMB3) [kg]	6700	Feet - material	cast iron			
Moment of inertia [kgm2]	75.0	Bearing shields - material	cast iron			
Direction of rotation	according to the order	Painting	RAL5010			
Degree of protection	IP55	Climatic execution	N			

	ENVIRONMENTAL CONDITIONS							
Ambient temperature [°C]	up to +40	Altitude above sea level [m]	el [m] up to 1000					
Relative humidity [%]	up to 95							

ACCESSORY						
Number of terminals or cables	3	Temperature sensors in bearings	2 x Pt100 (1 pc/bearing)			
Cable glands/inlets	3	Winding heaters	on demand			
Temperature sensors in winding	6 x Pt100 (2pcs./phase)	Optional accessories	on demand			

STANDARDS						
IEC 60034-1						

CERTIFICATES	
on demand	

